

Form PTO-1449
(REV. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket:
2003080-0054
(SK-893-US)

In re Application No.
09/641,742

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant: Danishefsky *et al.*

Filing Date:
August 18, 2000

Group:
1642

U. S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
KAC	5,683,674	Taylor-Papadimitriou <i>et al.</i>	Nov. 4, 1997	424	1.49
KAC	6,222,020	Taylor-Papadimitriou <i>et al.</i>	April 24, 2001	530	395

U.S. PATENT APPLICATIONS

Examiner's Initials	Serial No.	Applicant	Filing Date		

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

**OTHER DOCUMENTS
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KAC	Zhang <i>et al.</i> , "Immune Sera and Monoclonal Antibodies Define Two Configurations for the Sialyl Tn Tumor Antigen", <i>Cancer Res.</i> 1995, 55, 3364-3368.
KAC	Toyokuni <i>et al.</i> , "Synthetic Carbohydrate Vaccines: Synthesis and Immunogenicity of Tn Antigen Conjugates", <i>Bioorg. Med. Chem.</i> 1994, 2, 1119-1132

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Mark G. Genulla

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09/641,742**INFORMATION
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U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	International Publication Date	Translation	
				Yes	No
KAC	WO 97/03995	WIPO	February 6, 1997		
KAC	WO 98/46246	WIPO	October 22, 1998		

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KAC	Broddefalk <i>et al.</i> , "Preparation of a Glycopeptide Analogue of Type II Collagen - Use of Acid Labile Protective Groups for Carbohydrate Moieties in Solid Phase Synthesis of O-Linked Glycopeptides," <i>Tetrahedron Letters</i> , 37(17), 3011-3014, 1996.
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	Kudryashov <i>et al.</i> "Immunogenicity of Synthetic Conjugates of Lewis ^x Oligosaccharide with Proteins in Mice: Towards the Design of Anticancer Vaccines," <i>Cancer Immunol Immunother</i> , 45, 281-286, 1998.

Form PTO-1449
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KAC Kuduk *et al.*, "Synthetic and Immunological Studies on Clustered Modes of Mucin-Related Tn and TF O-Linked Antigens: The Preparation of a Glycopeptide-Based Vaccine for Clinical Trials against Prostate Cancer," *J. Am. Chem. Soc.*, 120, 12474-12485, 1998.

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Zhang, *et al.*, "Selection of Tumor Agents as Targets for Immune Attack Using Immunohistochemistry: II. Blood Group Related Antigens," *Int. J. Cancer*, 73, 50-56, 1997.

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Group: 1642					

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U.S. PATENT DOCUMENTS					
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
KAC	6,090,789	Danishefsky <i>et al.</i>	July 18, 2000	514	25
KAC	US RE38,046 E	Longenecker <i>et al.</i>	March 25, 2003	424	279.1

U.S. PATENT PUBLICATIONS					
Examiner's Initials:	Publication Number:	Applicant:	Publication Date:	Class	Subclass
KAC	US 2002/0006900	Danishefsky <i>et al.</i>	January 17, 2002	514	8
KAC	US 2002/0038017	Danishefsky <i>et al.</i>	March 28, 2002	536	53

FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Document No.	Country	International Publication Date	Translation	
				Yes	No
KAC	WO 99/15201	PCT	April 1, 1999		
	WO 01/14395 A2	PCT	March 1, 2001		
✓	WO 01/14395 A3	PCT	March 1, 2001		

OTHER DOCUMENTS	
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
KAC	Allen <i>et al.</i> , "Pursuit of optimal carbohydrate-based anticancer vaccines: preparation of a multiantigenic unimolecular glycopeptide containing the Tn, MBr1, and Lewis ^x antigens", <i>J. Am. Chem. Soc.</i> , 123:1890-1897, 2001.
	Allen <i>et al.</i> , "A second generation synthesis of the MBr1 (Globo-H) breast tumor antigen: new application of the n-pentenyl glycoside method for achieving complex carbohydrate protein linkages", <i>Chem. Eur. J.</i> , 6(8):1366-1375, 2000.
	Biswas <i>et al.</i> , "Construction of carbohydrate-based antitumor vaccines: synthesis of glycosyl amino acids by olefin cross-metathesis", <i>Tetrahedron Letters</i> , 43:6107-6110, 2002.
	Blackwell <i>et al.</i> , "New approaches to olefin cross-metathesis", <i>J. Am. Chem. Soc.</i> , 122:58-71, 2000.
✓	Bosse <i>et al.</i> , "Linear synthesis of the tumor-associated carbohydrate antigens Globo-H, SSEA-3, and Gb3", <i>J. Org. Chem.</i> , 67:6659-6670, 2002.



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		Filing Date: August 18, 2000	Group: 1642
KAC	Keding <i>et al.</i> , "Hydroxynorleucine as a glycosyl acceptor is an efficient means for introducing amino acid functionality into complex carbohydrates", <i>Tetrahedron Letters</i> , 44:3413-3416, 2003.		
	Kim <i>et al.</i> , "Effect of immunological adjuvant combinations on the antibody and T-cell response to vaccination with MUC1-KLH and GD3-KLH conjugates", <i>Vaccine</i> , 19:530-537, 2001.		
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	Database BIOSIS' Online! Biosciences Information Service, Philadelphia, PA, US; 22 March 2002, Kovbasnjuk Olga <i>et al.</i> , "Glycosphingolipid Gb ₃ as biomarker for invasive colon carcinoma cells", <i>FASEB Journal</i> , 16(5):A1200, 2002, Annual Meeting of Professional Research Scientists on Experimental Biology; New Orleans, LA, USA, April 20-24, 2002.		
✓	International Search Report issued for PCT application PCT/US03/22657		
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U. S. PATENT DOCUMENTS

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KAC	5,053,489	Kufe <i>et al.</i>	10/1/91	530	350
	5,625,030	Williams <i>et al.</i>	4/29/97	528	361
	5,798,090	Longnecker <i>et al.</i>	8/25/98	424	279.1
	5,858,994	Kretzschmar <i>et al.</i>	01/12/99	514	62
	5,807,559	Jondal <i>et al.</i>	9/15/98	424	278.1
	5,871,990	Clausen <i>et al.</i>	2/16/99	435	193
	6,013,779	Wong <i>et al.</i>	1/11/00	536	18.6
	6,238,668	Danishefsky <i>et al.</i>	5/29/01	424	184.1

U.S. PATENT APPLICATIONS

Examiner's Initials	Serial No.	Applicant	Filing Date		
KAC	* 08/457,485	Taylor-Papadimitriou <i>et al.</i>	June 1, 1995		

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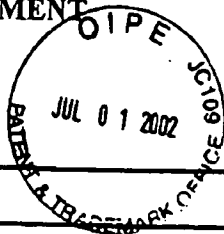
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Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
KAC	EP 341252	EP	11/19/97		
KAC	WO 01/14395	PCT	03/01/01		

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	Randolph J.T. <i>et al.</i> , "An Interactive Strategy for the Assembly of Complex, Branched Oligosaccharide Domains on a Solid Support: A Concise Synthesis of the Lewis ^b Domain in Bioconjugatable Form", <i>Angew. Chem. Int. Ed/ Engl.</i> , 33(14):1470-1473, 1994.
✓	* Yura <i>et al.</i> , "Preparation of oligosaccharide-linked polystyrene and method for immobilization of lectin and base materials for cells", abstract, Jpn. Kokai Tokkyo Koho (Japan), 03 December 1996.

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* Cited document is not at present available to the undersigned, or is available in the file of a prior related application relied upon for an earlier filing date under 35 U.S.C. § 120.